



EQUIPMENT & FACILITIES ITEM DESCRIPTION	
1	TURBINE BUILDING UNIT 1 & 2
2	COAL HANDLING BAY
3	BOILER BUILDING
4	BAGHOUSE
5	UNUSED
6	I.D. FANS
7	ABSORBER
8	ABSORBER PUMP & ELECTRICAL BUILDING
9	CHIMNEY
10	CEMS BUILDINGS
11	CONTROL BUILDING (WITH DIESEL GENERATORS, AIR COMPRESSORS)
12	SERVICE BUILDING & AUX. BOILER
13	1ST. FLOOR MAINTENANCE FACILITIES
14	2ND. FLOOR ADMINISTRATION FACILITIES
15	WATER TREATMENT BUILDING & BULK ACID/CALUSTIC STORAGE TANKS
16	DEMINERALIZED WATER TANK
17	SERVICE WATER TANK
18	FUEL OIL STORAGE TANK
19	FUEL OIL PUMP HOUSE
20	3 DAY ACTIVE COAL STORAGE & RECLAIM FACILITY
21	PROPOSED GYPSUM WALL BOARD PLANT
22	CONDENSATE STORAGE TANK
23	ABSORBER HOLDING TANK
24	FLY ASH SILO (72HRS)
25	FLY ASH VACUUM BLOWER & ELECTRICAL BUILDING
26	BOTTOM ASH BINS
27	HYDROGEN & CARBON DIOXIDE AREA
28	WAREHOUSE
29	UNUSED
30	GUARDHOUSE
31	WASTE NEUTRALIZATION TANK
32	MAIN POWER TRANSFORMER
33	UNIT AUX. TRANSFORMER
34	STATION AUXILIARY TRANSFORMER
35	UREA SYSTEM STORAGE SILO
36	UREA SYSTEM BLOWER BLDG.
37	UREA/AMMONIA ENCLOSURE
38	CIRCULATING WATER INTAKE PIPE
39	CIRCULATING WATER INTAKE PUMP HOUSE
40	CIRCULATING WATER SUPPLY PIPE
41	CIRCULATING WATER DISCHARGE PIPE
42	PIPE RACK
43	STORM WATER BASIN
44	COAL CAR DUMPER & TRAIN POSITIONER
45	UNUSED
46	UNUSED
47	COAL TRANSFER TOWER 3
48	COAL TRANSFER TOWER 4
49	COAL TRANSFER TOWER 5
50	COAL TRANSFER TOWER 6
51	COAL CRUSHER HOUSE
52	COAL RECLAIM HOPPER - PILE A
53	COAL RECLAIM HOPPER - PILE B
54	COAL SHIP UNLOADER & HOPPERS
55	COAL PILE SEDIMENTATION BASIN
56	ASH REBURN HOPPER BLDG.
57	SEAL WELL STRUCTURE
58	COAL YARD MAINTENANCE BUILDING
59	COAL TRANSFER TOWER 7
60	LIMESTONE BARGE UNLOADING PAD W/BARGE UNLOADER AND HOPPER/FEEDER
61	LIMESTONE RECLAIM HOPPER ENCLOSURE
62	LIMESTONE SILOS, MILL & PREPARATION BUILDING
63	LIMESTONE CONVEYORS
64	LIMESTONE PILE PERIMETER DRAINAGE AREA
65	LIMESTONE SLURRY STORAGE TANKS
66	UNUSED
67	GYPSUM STORAGE BUILDING (3 DAY STORAGE)
68	GYPSUM DEWATERING BUILDING
69	PRIMARY GYPSUM DEWATERING TANKS
70	UNUSED
71	WASTE WATER COLLECTION & EQUALIZATION BASIN
72	WASTE WATER TREATMENT BLDG.
73	COAL HANDLING CONTROL/SWITCHGEAR BLDG.
74	UNUSED
75	IGCC POWER BLOCK
76	IGCC AIR SEPARATION UNIT
77	IGCC GASIFICATION FACILITY
78	IGCC ACID GAS REMOVAL UNIT
79	IGCC SULFUR RECOVERY UNIT
80	IGCC COAL PREPARATION
81	IGCC STORM WATER BASIN
82	IGCC FLARE
83	IGCC SULFURIC ACID STORAGE TANKS
84	IGCC WASTE WATER TREATMENT
85	IGCC SLAG STORAGE SILO
86	FLY ASH STORAGE BUILDING
87	SWITCHYARD EXPANSION FOR SCPC & IGCC UNITS
88	EXISTING UNITS 5 TO 8 TURBINE ROOMS (NOT SHOWN)
89	EXISTING UNITS 5 TO 8 BOILER ROOMS (NOT SHOWN)
90	UNIT NO. 9 BUILDING (NOT SHOWN)
91	IGCC FUEL OIL TANK
92	UNUSED
93	GYPSUM CONVEYOR
94	GYPSUM HOPPER FOR BARGE LOADING CONVEYOR
95	GYPSUM BARGE LOADING CONVEYOR
96	GYPSUM PILE PERIMETER DRAINAGE AREA

Legend	
	Coal Handling Facilities
	IGCC Facilities
	Recirculating Water Facilities
	Site Access Roads
	SC Plant Facilities
	Shore and Breakwater
	Transmission Lines and Switchyard
	Proposed Railroad Facilities

- NOTES**
- THE COORDINATES USED ARE BASED ON N 10000 & E 10000 BEING EQUAL TO THE PLANT & DOCK BASE LINE OF N.0.0 & E.0.0 BEING EQUAL TO NORTH 317,087.42, EAST 2,581,651.85 WISCONSIN STATE PLANE SYSTEM GRID (REF RUEKERMELKE EXISTING BASELINE)
 - ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL FOR OAK CREEK PLANT DATUM ELEVATIONS SUBTRACT 581.2' (PLANT ELEVATION 0'-0" @ 0.0000 = 581.2 MSL)
 - SCPC PLANT GRADE IS 592'-0" (PLANT ELEVATION = 10.8) COAL HANDLING GRADE IS 700'-0" (PLANT ELEVATION = 118.8)

**Figure Vol. 2-2
Plant Equipment Layout -
South Site**